



**2.4.2.1: Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B
Superspeciality/D.Sc./D’Lit. year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
106	90	65	40	22

Indian Institute of Science, Bangalore.
Faculty of Engineering

The Council on the recommendation of the Senate of the Institute
hereby confers on

SHETTAR ASHOK SHIVAYOGAPPA

the degree of

Doctor of Philosophy

in recognition of the research work on

'Numerical Simulation of Flow in Open Channel Divisions'

verified
21-7-95
M

A. H. S. d.
D. A. S. G.
Rajaram,
Bharathiar Engineering College,
BAGALKOT.

S. S. Srinivasan
Director

Raja Ramanna
Chairman of the Council

01 JULY 1995



We, the Chancellor, Vice-Chancellor
and Members of the Senate of
the **Karnatak University** certify that

the Degree of

Doctor of Philosophy

(*Physics*)

has been conferred on the fifth day of the
month of December in the year one thousand nine
hundred and eightythree at Dharwad, on

Ayachit Narasimha Hanamant who has
been found duly qualified for the same.

In Testimony whereof are set the Seal of the said

Attested by

B. L. DESAI

Vice Principal

College of Engineering & Technology

580 031

bdesai@bvb.edu

91-836-2378150

University and the Signature of the Chancellor.

PRINCIPAL

Chancellor

580 002

Dharwad-580 002

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



This is to certify that

VINAYA HIREMATH

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Architecture

for the thesis entitled

*Vernacular Architecture of Dharwad District- A Critical
Investigation*

*in recognition of the fulfillment of requirements
for the said degree*

PH
19 000142

Given under the seal of the University

USN: 1RV04PAN01



BELAGAVI

DATE : Feb 08, 2020


VICE CHANCELLOR



ಕನ್ನಡ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಹಂಪಿ
Kannada University, Hampi
 ವಿದ್ಯಾರಣ್ಯ ೫೮೩ ೨೭೬
 VIDYARANYA 583 276 KARNATAKA, INDIA

ಕನ್ನಡ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಹಂಪಿಯ ಸಮಾಜವಿಜ್ಞಾನಗಳ ನಿಕಾಯದ
 ಜಾನಪದ ಅಧ್ಯಯನ ವಿಭಾಗಕ್ಕೆ

ಕುಬಸದ ಶಶಿಧರ ನಾಗಪ್ಪ
 ಇವರು ಸಲ್ಲಿಸಿದ

ಕನ್ನಡ ಪ್ರಾಚೀನ ಚಿತ್ರಕಲೆ ಮತ್ತು ಪಿಥೋರಾ

ಎಂಬ ಮಹಾಪ್ರಬಂಧಕ್ಕೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಜಾನಪದ ಅಧ್ಯಯನ)

ಪದವಿಯನ್ನು ನೀಡಲಾಗಿದೆ

*

KUBASAD SHASHIDHAR NAGAPPA

has been awarded the degree of

DOCTOR OF PHILOSOPHY

(Folklore Studies)

for his thesis on

Kannada Ancient Painting and Pithora

Submitted to the Department of Folklore Studies
 Faculty of Social Sciences, Kannada University, Hampi

W. S. S. S.

೧೦ ಮಾರ್ಚ್ ೨೦೧೮
 10th MARCH 2018

ನುಡಿಹಬ್ಬ - ೨೬
 CONVOCATION - 26



ಕುಲಪತಿಗಳು
 VICE-CHANCELLOR

ಕಾರ್ಯಕಾರಿ ಸಮಿತಿ ಮತ್ತು ಆಡಳಿತ ಮಂಡಳಿ ಸದಸ್ಯರು
 MEMBERS OF THE EXECUTIVE COUNCIL AND GOVERNING COUNCIL



Rensselaer Polytechnic Institute

Founded Eighteen Hundred Twenty Four

*The President and the Board of Trustees confer
the degree of*

Doctor of Philosophy

upon

Ravi Guttal

*for satisfactory completion of the prescribed curriculum
and examinations as set forth by the faculty in*

Civil Engineering

*With all the rig' ts, honors, and privileges pertaining thereto,
given in the city of Troy in the state of New York on this
thirtieth day of August, one thousand nine hundred and ninety-six.*



[Signature]
President

[Signature]
Chairman of the Board

**DIE FAKULTÄT
WIRTSCHAFTSWISSENSCHAFTEN,
WIRTSCHAFTSINFORMATIK
UND WIRTSCHAFTSRECHT**

verleiht durch diese Urkunde

Herrn

Sachin Shankar Karadgi, MSc geb. am 11.02.1976
in Belgaum/Indien

den akademischen Grad

**DOKTOR DER
WIRTSCHAFTSWISSENSCHAFTEN (Dr. rer. pol.)**

Er hat in einem ordnungsgemäßen Promotionsverfahren
unter Mitwirkung der Referenten

Universitätsprofessor
Dr. Manfred Grauer

und **Universitätsprofessor**
Dr. Bernd Freisleben

durch die Dissertation


**“A Reference Architecture for Real-Time Performance
Measurement – An Approach to Monitor and Control
Manufacturing Processes”**

sowie durch die mündliche Prüfung am 18.02.2014
seine wissenschaftliche Befähigung nachgewiesen.

Gesamturteil **magna cum laude**

Siegen, den 18.02.2014




Der Dekan
Universitätsprofessor Dr. Volker Wulf

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



This is to certify that

JYOTI S BALI

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

*Low Power, High Performance Algorithm for Sleep Apnea
Detection*

*in recognition of the fulfillment of requirements
for the said degree*

PH
19 000251

Given under the seal of the University

USN: 2BV11PEM01

BELAGAVI

DATE : Feb 08, 2020



VICE CHANCELLOR



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

VINOD KUMAR V METI

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

*Synthesis And Characterization Of Aa7075 Based In-Situ
Mmcs Reinforced With Tib2 Particles*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13 001638

Given under the seal of the University

USN: 2BV12PMN02



BELGAUM
DATE :

March 18, 2019

VICE CHANCELLOR



We,
the Chancellor, Vice-Chancellor
and Members of the Management Council of
Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad (Maharashtra State), India.

Certify that the withinsigned

Bhurgund.

Basavaraj Shrishailappa Bhurgund.

Student of -----
who has been found duly qualified for the Degree of
Doctor of Philosophy (----- *Microbiology* -----)

The Degree of

Doctor of Philosophy
(----- *Microbiology* -----)

has been conferred on ----- *him* ----- at Aurangabad, on the
twenty third day of the month of *September* in the year
two thousand eleven.

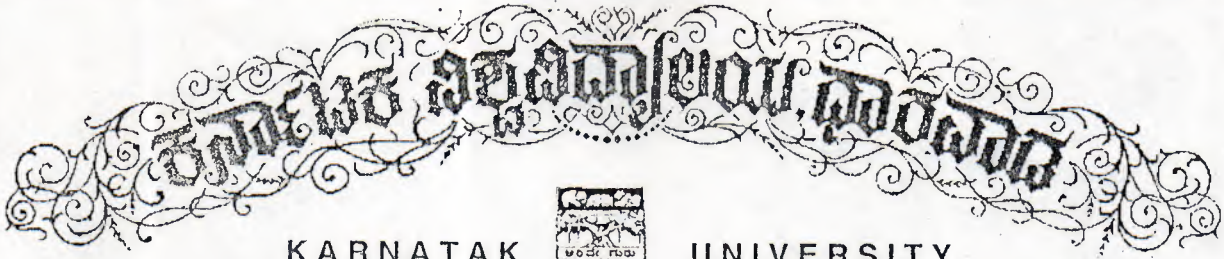
In Testimony whereof are set the Seal of the said University
and the signature of the said Vice-Chancellor.

Date of Notification *August 18, 2011.*

Place: Aurangabad

Date of issue of the
Degree Certificate *22 FEB 2012*

U. Pandharipande
Vice-Chancellor



KARNATAK UNIVERSITY



ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು

We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the Syndicate and Academic Council of the Karnatak University certify that

ಮುದ್ದಾಪೂರ ಉದಯ ಮಹಾದೇವಯ್ಯ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ ಜೂನ್ ೨೦೦೪ ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

MUDDAPUR UDAY MAHADEVAYYA

*for having qualified for the Degree in June 2004
the Degree of*

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ

Doctor of Philosophy
BIO-CHEMISTRY

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಐದನೆಯ ಜನವರಿ
ಹತ್ತೊಂಬತ್ತ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

*has been conferred on him/her at Dharwad, on the nineteenth day
of the month of January in the year Two thousand five.*

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.
*In Testimony whereof are set the Seal of the said University and the Signature of the
said Vice-Chancellor.*



M. Ullas
ಕುಲಪತಿ Vice-Chancellor

S.No. of Certificate 107

*Attested
Er. B.V. Yenagi*

Er. B.V. YENAGI
M.Tech. (Ind. Str.), M.I.E., Ch. Engg.
Technical Assistant to the Superintending Engineer
P.W.D. Dharwad Circle,
DHARWAD - 580 001.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

LAXMIKANT R PATIL

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Bio Technology)

for the thesis entitled

*Studies On Isolation, Characterization Of Xylanolytic
Microorganism And Optimization Of Fermentation Process For
Lab Scale Production Of Xylanase*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

001675

Given under the seal of the University

USN: 2BV10PGN01



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

LAXMIKANT R PATIL

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Bio Technology)

for the thesis entitled

*Studies On Isolation, Characterization Of Xylanolytic
Microorganism And Optimization Of Fermentation Process For
Lab Scale Production Of Xylanase*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

001675

Given under the seal of the University

USN: 2BV10PGN01



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR



This is to certify that

VEERANNA.S. HOMBALIMATH

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Bio Technology)

for the thesis entitled

*Studies On Isolation, Characterization Of Lipolytic Micro
Organism And Optimization Of Fermentation Process For Lab
Scale Production Of Lipase*

*in recognition of the fulfillment of requirements
for the said degree*

PH₁₃ 001674

Given under the seal of the University

USN: 2BV10PGN02



BELGAUM

DATE : March 18, 2019


VICE CHANCELLOR

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ
KARNATAK UNIVERSITY

000903



DHARWAD

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು
*We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the
Syndicate and Academic Council of the Karnatak University certify that*

ಯುಜೀನ ಕುತುಬುದ್ದೀನ ಬಾಗೇವಾಡಿ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಮೇ

೨೦೧೭

ರಲ್ಲಿ

ಆರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

ZABIN KUTUBUDDIN BAGEWADI

for having qualified for the Degree in May 2017

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ

Doctor of Philosophy

BIO-CHEMISTRY

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ, ವಿರಡು ಸಾವಿರದಾ ಹದಿನೆಂಟನೆಯ ಮೇ
ಬದ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

*has been conferred on him / her at Dharwad, on the Fifth day
of the month of May in the year Two thousand eighteen.*

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.
*In Testimony, whereof are set the Seal of said University and the Signature
of the said Vice-Chancellor.*

P.G. Degree : Bio - Chemistry

Thesis Title : "Studies on Production, Purification and Characterization of
Lignocellulolytic Enzymes From Fungal Isolates and their Applications
in the Production of Bioethanol from Biomass"



2017/AR/P/134

PBE

ಕುಲಪತಿ Vice-Chancellor

ಕರ್ನಾಟಕ



ವಿಶ್ವವಿದ್ಯಾಲಯ,

ಧಾರವಾಡ.

KARNATAK UNIVERSITY, DHARWAD.

"University with Potential for Excellence"

NAAC Accredited with 'A' Grade -2014

No.KU/Aca/Ph.D./RGH/181/2016-17/193

Date: 19.05.2017

ಪ್ರಕಟಣೆ

ಪಿ.ವಿ.ಚಿ.ಡಿ. ಪದವಿ ಪರಿಣಾಮ ಪ್ರಕಟಣೆ

ಈ ಕೆಳಗೆ ತಿಳಿಸಿದ ಸಂಶೋಧನಾ ಅಭ್ಯರ್ಥಿ ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಸಾದರಪಡಿಸಿದ ಮಹಾಪ್ರಬಂಧವನ್ನು ಪರಿಶೀಲಿಸಿ, ಮೌಲ್ಯಮಾಪನ ಮಾಡಿ ಸಲ್ಲಿಸಿದ ವರದಿಗಳನ್ನು ಅನುಲಕ್ಷಿಸಿ ಸಂಬಂಧಿಸಿದ ಅಭ್ಯರ್ಥಿಗೆ ಈ ಕೆಳಗೆ ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ನಿಖಾಯದಲ್ಲಿ ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಯನ್ನು ಪ್ರದಾನ ಮಾಡಲು ಮಾನ್ಯ ಕುಲಪತಿಗಳು, ಸಿಂಡಿಕೇಟ್ ಸಭೆಯ ಪರವಾಗಿ ಒಪ್ಪಿಗೆ ನೀಡಿದ್ದಾರೆ. ಆ ಪ್ರಕಾರ ಸದರಿ ಅಭ್ಯರ್ಥಿಯು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿ ಪಡೆಯಲು ಅರ್ಹರೂಪವೆಂದು ಈ ಮೂಲಕ ಘೋಷಿಸಲಾಗಿದೆ.

1) ಅಭ್ಯರ್ಥಿಯ ಹೆಸರು	-	ಶ್ರೀಮತಿ ಝಬೀನ ಕುತುಬುದ್ದೀನ್ ಬಾಗೇವಾಡಿ
2) ನೋಂದಣಿ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	-	181/25.10.2008
3) ಸ್ನಾತಕೋತ್ತರ ಪದವಿಯ ವಿಷಯ	-	ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ
4) ಸಂಶೋಧನೆಯ ವಿಷಯ	-	ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ
5) ಮಹಾಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ	-	"ಸ್ಟಡೀಸ್ ಆನ್ ಪ್ರೊಡಕ್ಷನ್, ಪ್ಯೂರಿಫಿಕೇಶನ್ ಆಂಡ್ ಕ್ಯಾರ್ಯಾಕ್ಟರೈಜೇಶನ್ ಆಫ್ ಲಿಗ್ನೋಸೆಲ್ಯುಲೋಲೈಟಿಕ್ ಎಂಜೈಮ್ಸ್ ಫ್ರಾಂಮ್ ಫಂಗಲ್ ಐಸೋಲೇಟ್ಸ್ ಆಂಡ್ ದೇರ್ ಅಪ್ಲಿಕೇಶನ್ಸ್ ಇನ್ ದಿ ಪ್ರೊಡಕ್ಷನ್ ಆಫ್ ಬಯೋಇಥೇನಾಲ್ ಫ್ರಾಂಮ್ ಬಯೋಮಾಸ್"
6) ನಿಖಾಯ	-	ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ
7) ಮಾರ್ಗದರ್ಶಕರ ಹೆಸರು	-	ಡಾ. ಹೆಚ್.ಚಿಡ್.ನಿನ್ನೇಕರ ಪ್ರಾಧ್ಯಾಪಕರು, ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ.

NOTIFICATION

DECLARATION OF RESULT OF DOCTOR OF PHILOSOPHY

The Vice-Chancellor of this University on behalf of the Syndicate has accepted the reports of the examiners for the award of the Degree of Doctor of Philosophy to the candidate in the subject & faculty as shown below. He/She is accordingly declared qualified to receive the Degree of Doctor of Philosophy.

1) Name of the Candidate	-	Smt. Zabin Kutubuddin Bagewadi
2) Registration No. & Date	-	181/25.10.2008
3) P.G. Course Subject	-	Biochemistry
4) Subject for Research	-	Biochemistry
5) Title of the Thesis	-	"Studies on Production, Purification and Characterization of Lignocellulolytic Enzymes From Fungal Isolates and their Applications in the Production of Bioethanol from Biomass"
6) Faculty	-	Science & Technology
7) Name of the Guide	-	Dr. H.Z.Ninnekar Professor, Dept. of Studies in Biochemistry, Karnatak University, Dharwad.

19/5
REGISTRAR

Karnatak University, Dharwad.

UNIVERSITY OF MYSORE

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



*We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and
Members of the Syndicate of the University of Mysore
do hereby certify that*

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಮಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು

ಹಾಗೂ ಸಿಂಡಿಕೇಟನ ಸದಸ್ಯರಾದ ನಾವು

DESAI SHIVALINGSARJ VIJAYKUMAR

has been awarded the Degree of

ಅವರು ನಿಗದಿತ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಉತ್ತೀರ್ಣರಾಗಿರುವುದರಿಂದ

DOCTOR OF PHILOSOPHY

in

MICROBIOLOGY

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ



on being duly certified to have passed the prescribed examination

ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರದಾನ ಮಾಡಲಾಗಿದೆಯೆಂದು ಪ್ರಮಾಣೀಕರಿಸುತ್ತೇವೆ

Given under the seal of the University

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ

Date of Convocation 10-04-2011

ಘಟಿಕೋತ್ಸವದ ದಿನಾಂಕ

Mysore/ಮೈಸೂರು

Sl.No./ಕ್ರಮ ಸಂಖ್ಯೆ No 277



Vice-Chancellor

ಕುಲಪತಿ



भारतीय प्रौद्योगिकी संस्थान मुंबई

वीरनगौडा बसनगौडा पाटील

को एतद्द्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है ।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि, अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत, मुंबई, भारतीय गणराज्य में आज 5 अगस्त, 2011 को दी गई है ।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

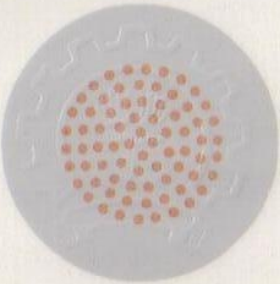
on

Veeranagouda Basanagouda Patil

who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended the thesis entitled

“Vibration Control of the Wind-Excited Benchmark Building”.

Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 5th day of August 2011.



अध्यक्ष, अभिषद
Chairman, Senate

कुलसचिव
Registrar

अध्यक्ष, शासी मंडल
Chairman, Board of Governors



भारतीय प्रौद्योगिकी संस्थान, मुंबई

काद्री सय्यद अब्दुर रज्जाक काद्री सय्यद ईशाक काद्री
को एतद्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि,
अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर
तथा नवम्बर 2000 में अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत,
मुंबई, भारतीय गणराज्य में आज 10 अगस्त, 2001 को दी गई है।

Indian Institute of Technology, Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

Quadri Sayed Abdur Razaq Quadri Sayed Ishaq Quadri

who has fulfilled the requirements for the degree as prescribed under the regulations
and successfully defended in November 2000, the thesis entitled :

“Centrifuge Studies on Rainfall Induced Slope Instability and Modelling of
Mass Movement Using Fractals and DEM”

Given this day, under the seal of the Institute at Mumbai in the Republic of India,
the 10th day of August 2001.

अध्यक्ष, अभिषद
Chairman, Senate

कुलसचिव
Registrar

अध्यक्ष, शाही मंडल
Chairman, Board of Governors

Indian Institute of Technology Delhi

Upon the recommendation of the Senate
hereby confers the degree of

Doctor of Philosophy

on Shankar Phantaveerappa Bhavikatti
Thesis title: "Optimum Design of Mechanical Components under Stress
Using Finite Element Analysis and Nonlinear Programming"

Given this day under the seal of the Institute at Delhi in the
Republic of India.

The 19th, April, 1978



Mudran
Director

[Signature]
Chairman,
Board of Governors

M. K. Jain
Registrar
[Signature]
6/4/1978

UNIVERSITY OF ROORKEE



*Having successfully completed the requirements
prescribed by the university*

SATISH ANDUNEPPA ANNIGERI

has been admitted to the degree of

Doctor of Philosophy

of this University

Thesis Title : Inelastic Seismic Response of Torsionally Coupled Multistorey Buildings

*Witness my hand this Twentyseventh day of November
One Thousand Nine Hundred and Ninety Nine*

(A.K. Srivastava)

Registrar

(Navin C. Nigam)

Vice Chancellor

National Institute of Technology Karnataka, Surathkal
MANGALORE - 575 025, KARNATAKA STATE, INDIA.

Provisional Degree Certificate

for the degree of

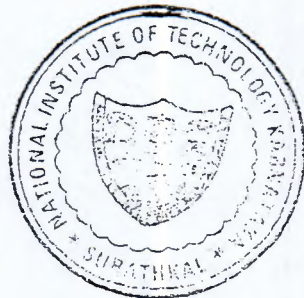
Doctor of Philosophy

Certified that **Mr. MANOJKUMAR V. CHITAWADAGI** (Reg. No. 050725CV05F04) in the department of **Civil Engineering** has successfully completed all prescribed requirements for the degree of **Doctor Of Philosophy (Ph.D.)** of the Institute.

The date of viva voce examination was **April 02, 2010**.

The title of the thesis submitted is "**Structural Performance of Concrete Filled Steel Tubes Subjected to Axial Compression and Flexure**".

This certificate is issued this day, the **April 06, 2010** with the approval of the authorities.



P. Srinivasan

DEAN (Academic)

Dean (Academic)

National Institute of Technology
Karnataka, Surathkal
Post Srinivasnagar, Mangalore-575025

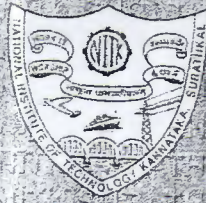
H. Srinivasan

Professor & Head of Department
Civil Engineering
BVB CET, HUBLI.

Registration No.



050725CV05F04



National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Doctor of Philosophy



on

M V Chitawadagi

in recognition of the research work on

*"Structural Performance Of Concrete Filled Steel Tubes Subjected To Axial Compression
And Flexure"*

carried out in the Department of

Civil Engineering

and completed all the requirements

in April 2010

Given under the seal of the Institute,

on 5th May 2010

Registrar

Director

Chairman, Board of Governors

Professor & Head of Department
Civil Engineering
BVB CET, HUBLI

Sl. No. PH09023

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Shivashankar S. Dyavanal

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Civil Engineering Sciences

for the thesis entitled

**Performance Based Seismic Evaluation of Multi-storey
Buildings with Soft Open Ground Storey**

*in recognition of the fulfillment of requirements
for the said degree*

PH
07 000345

Given under the seal of the University

USN : 2BV04PCN01



BELGAUM

DATE : APRIL 8, 2012

VICE CHANCELLOR



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH 09 000150

Provisional Degree Certificate

This is to certify that Mr./Ms. Shivashankar S. Dyavanal

*is qualified for the award of the degree of
Doctor of Philosophy (Faculty of Civil Engineering Sciences) w.e.f.31-01-2012
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**Performance Based Seismic Evaluation of Multi-storey Building
with Soft Open Ground Storey**

with University Seat No. 2BV04PCN01

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum
Date : 03.02.2012



Shivashankar S. Dyavanal
Registrar (Evaluation)



Provisional Degree Certificate

for the degree of

Doctor of Philosophy

Certified that *Mr. Honnanagouda Somanagouda Shivanagouda* (Reg No. 110692CV11F07) in the Department of Civil Engineering has successfully completed all prescribed requirements for the degree of Doctor Of Philosophy (Ph.D.) of the Institute.

The date of viva voce examination was 17th April, 2015.

The title of the thesis submitted is "STUDIES ON AQUIFER CHARACTERIZATION AND SEAWATER INTRUSION VULNERABILITY ASSESSMENT OF COASTAL DAKSHINA KANNADA DISTRICT, KARNATAKA".

This certificate is issued this day, the April 22, 2015 with the approval of the authorities.

DEAN (Academic)

Dean (Academic)
National Institute of Technology
Karnataka, Surathkal
Post Sriprivasnagar, Mangalore-575025

Registration No.

PH09006

National Institute of Technology Karnataka, Surathkal
hereby confers the degree of



Doctor of Philosophy

on

Lakshman J Pol

in recognition of the research work on

"Studies On Assessment And Management Of Micro-Irrigation Systems In Bijapur
District, Karnataka"

carried out in the Department of
Applied Mechanics And Hydraulics
and completed all the requirements
in March 2009

Given under the seal of the Institute,
on 5th May 2010

H. G. ...
Registrar

H. ...
Director

C. ...
Chairman, Board of Governors

Sl. No. PH09006

PRINCIPAL

B. V. Bhoomaraddi College of
Engineering & Technology.
M U B L I-580 C31.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Mallikarjuna R Patil
has been conferred the Degree of
Doctor of Philosophy

in

Faculty of Civil Engineering Sciences

for the thesis entitled

Applications of Onsite Materials in Construction of Composite
Clay Liners and Covers for Waste Impoundments

in recognition of the fulfillment of requirements
for the said degree

PH 000275
13

Given under the seal of the University

USN: 2BV04PCM01



VICE CHANCELLOR

BELGAUM
DATE : MAY 20, 2014

PRINCIPAL
B.V.B. College of Engineering
& Technology
HUBLI - 580 031



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH
001201

Provisional Degree Certificate

This is to certify that Mr./Ms. Mallikarjuna.R. Patil

is qualified for the award of the degree of
Doctor of Philosophy Faculty of Civil Engineering Sciences w.e.f. 19-4-2014

*of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**Applications of Onsite Materials in Construction of Composite Clay
Liners and Covers for Waste Impoundments**

with University Seat No. 2BV04PCM01

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum
Date : 23-4-2014



Registrar (Evaluation)



No. NITK/Ph.D./2018-2019/E3

Date: 14.5.2019

OFFICIAL MEMORANDUM

Sub: Declaration of result of Ph.D. Degree.

* * *

It is hereby notified that the Director, on the recommendation of the Doctoral Thesis Assessment Committee, has accepted the thesis of Mr. Anoop I Shirkol, (Reg. No. 155011AM15F02) titled "HYDROELASTIC ANALYSIS OF VERY LARGE FLOATING STRUCTURE (VLFS) USING BOUNDARY ELEMENT APPROACH" for the award of Ph.D. Degree of NITK Surathkal. The Doctoral work was carried out in the department of Applied Mechanics & Hydraulics under the guidance of Dr. T Nasar. The viva-voce was conducted on 25th April, 2019. Further, subject to approval of the Senate, it is declared that Mr. Anoop I Shirkol, is eligible to receive the Ph.D. Degree at the next Convocation (in person/in absentia) or thereafter (only in absentia).

Anuballi
Asst. Registrar (Academic)
f.

Copy to:

1. Mr. Anoop I Shirkol, Dept. of Applied Mechanics & Hydraulics, NITK, Surathkal.
2. Dr. T Nasar, Dept. of Applied Mechanics & Hydraulics, NITK, Surathkal
3. The Chairman DRPC, Dept. of Applied Mechanics & Hydraulics, NITK, Surathkal
4. All Deans and HODs.
5. The Personal Assistant to Director.
6. The Registrar, Assistant Registrar(s)-Academic
7. The Joint Registrar
8. The Superintendent Academic Section, MIS Officer
9. ES Asst and Programmer (Confidential Sec), Cashier.
10. All the Registrars, NITs. in India.
11. The Secretary, UGC, Bahadur Shah Zafar Marg, New Delhi-110 002

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಧಾರವಾಡ

ಸಂ. ಕವಿ/ವಿಮಂ/ಪಿ.ಎಚ್.ಡಿ/2008-09/176

ದಿನಾಂಕ: 26.12.2008

ಪ್ರಕಟಣೆ

ಪಿಎಚ್.ಡಿ. ಪದವಿ ಪರಿಣಾಮ ಪ್ರಕಟಣೆ

ಈ ಕೆಳಗೆ ತಿಳಿಸಿದ ಸಂಶೋಧನಾ ಅಭ್ಯರ್ಥಿ ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಸಾದರಪಡಿಸಿದ ಮಹಾಪ್ರಬಂಧವನ್ನು ಪರೀಕ್ಷಕರು, ಮೌಲ್ಯಮಾಪನ ಮಾಡಿ ಸಲ್ಲಿಸಿದ ಪರವಿಗಳನ್ನು ಅನುಲಕ್ಷಿಸಿ ಸಂಬಂಧಿಸಿದ ಅಭ್ಯರ್ಥಿಗೆ ಈ ಕೆಳಗೆ ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ನಿಖಾಯದಲ್ಲಿ ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಯನ್ನು ಪ್ರದಾನ ಮಾಡಲು ಮಾನ್ಯ ಕುಲಪತಿಗಳು, ಸಿಂಡಿಕೇಟ್ ಸಭೆಯ ಪರವಾಗಿ ಒಪ್ಪಿಗೆ ನೀಡಿದ್ದಾರೆ. ಆ ಪ್ರಕಾರ ಸದರಿ ಅಭ್ಯರ್ಥಿಯು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿ ಪಡೆಯಲು ಅರ್ಹರೂಪರಂದು ಈ ಮೂಲಕ ಘೋಷಿಸಲಾಗಿದೆ.

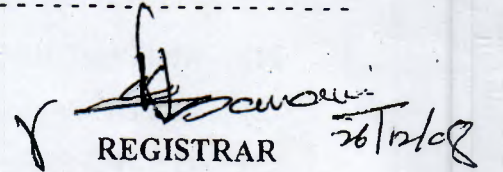
- | | |
|----------------------|--|
| 1) ಅಭ್ಯರ್ಥಿಯ ಹೆಸರು | - ಶ್ರೀ.ಹಾವನೂರ ವಿದ್ಯಾಧರ ಚಂದ್ರಶೇಖರ |
| 2) ನೋಂದಣಿ ದಿನಾಂಕ | - 09-10-2004 |
| 3) ಮಹಾಪ್ರಬಂಧದ ಹೆಸರು | - "ಫಿಜಿಕೋ ಕೆಮಿಕಲ್ ಸ್ಟಡೀಸ್ ಆಫ್ ಮೆಟಲ್ ಕಾಂಪ್ಲೆಕ್ಸ್" |
| 4) ವಿಷಯ | - ರಸಾಯನಶಾಸ್ತ್ರ |
| 5) ಫ್ಯಾಕಲ್ಟಿ | - ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ |
| 6) ಮಾರ್ಗದರ್ಶಕರ ಹೆಸರು | - ಡಾ. ಕೆ.ಬಿ.ಗುಡಸಿ
ಪ್ರಾಧ್ಯಾಪಕರು,
ರಸಾಯನಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ,
ಕ.ವಿ.ವಿ. ಧಾರವಾಡ. |

- NOTIFICATION

DECLARATION OF RESULT OF DOCTOR OF PHILOSOPHY

The Vice-Chancellor of this University on behalf of the Syndicate has accepted the reports of the examiners for the award of the Degree of Doctor of Philosophy to the candidate in the subject & faculty as shown below. He/She is accordingly declared qualified to receive the degree of Doctor of Philosophy.

- | | |
|--------------------------|---|
| 1) Name of the Candidate | - Sri. Havanur Vidyadhar Chandrashekar |
| 2) Date of Registration | - 09-10-2004 |
| 3) Title of the thesis | - "Physico Chemical Studies of Metal Complexes" |
| 4) Subject | - Chemistry |
| 5) Faculty | - Science & Technology |
| 6) Name of the Guide | - Dr. K.B.Gudasi
Professor, Dept of studies in Chemistry
K.U.Dhawrad. |


REGISTRAR

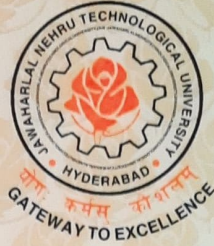
Copy f.w.cs to :

- 1) Dr. B.Narayana, Professor, Dept Studies in Chemistry, Mangalore University, Mangalagangothri -574199.
- 2) Prof. Subhash Padhye, Dept Studies in Chemistry, Environmental Science, University of Pune, Pune-411007
- 3) Dr. K.B.Gudasi, Professor, Professor, Dept of studies in Chemistry, K.U.Dhawrad.
- 4) Sri. Havanur Vidyadhar Chandrashekar, Research Student, Dept of studies in Chemistry, K.U.Dhawrad.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 691638



H.T No.: 0903PH0447

Ms. S Dhanalakshmi

D/o. M Jeyarajagopal

having fulfilled the academic requirements in *May, 2016*

has this day been admitted by the Executive Council to the Degree of

Doctor Of Philosophy

Chemistry

Topic : Study of Effect of Chemical Treatments on Characterization of
Areca Fibre Reinforced Polymer Composites

Given under the Seal of the University

Date: 21-11-2016



[Signature]

DIRECTOR OF EVALUATION

[Signature]

REGISTRAR

[Signature]

VICE CHANCELLOR



460201656695

PC No
316000327

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 085, TELANGANA STATE, INDIA.



316000334

Sl. No. PC 00811107



PROVISIONAL CERTIFICATE



Hall Ticket No.: 0903PH0448

This is to certify that Ms. P RAMA DEVI

daughter of Mr. K CHENCHURAO

has satisfied all the requirements for the award of Doctor of Philosophy

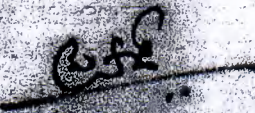
in the faculty of CHEMISTRY

of this University, held in May, 2016 for the thesis entitled,

"Chemical Treatment of Natural Abaca Fibre for Surface Modification & Its Impact on Properties of Abaca Fibre Reinforced Polymer Biocomposites".

Verified by
Hyderabad - T.S.

Date: 20 June 2016


Director of Evaluation


REGISTRAR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Meena S. M.

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

**Trace Transform Based Optimized Algorithm and
Architecture for Content Based Image Retrieval System**

*in recognition of the fulfillment of requirements
for the said degree*

PH
07 000387

Given under the seal of the University

USN : 2BV03MEN02



BELGAUM

DATE : APRIL 8, 2012

VICE CHANCELLOR

Handwritten notes in blue ink:
RSL
Dw
2/5

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
ಕರ್ನಾಟಕ, ಭಾರತ



ಶ್ರೀ/ಶ್ರೀಮತಿ ಮೀನಾ ಎಸ್. ಎಮ್.

ಇವರು

ಫ್ಯಾಕಲ್ಟಿ ಆಫ್ ಇಲೆಕ್ಟ್ರಿಕಲ್ ಆಂಡ್ ಇಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ಸೈನ್ಸ್ ವಿಭಾಗದಲ್ಲಿ

ಟ್ರೇಸ್ ಟ್ರಾನ್ಸ್‌ಫಾರ್ಮರ್ ಬೇಸ್ಡ್ ಒಪ್ಟಿಮೈಸ್ಡ್ ಅಲೋರಿದಮ್ ಆಂಡ್
ಆರ್ಕಿಟೆಕ್ಚರ್ ಫಾರ್ ಕಂಟೆಂಟ್ ಬೇಸ್ಡ್ ಇಮೇಜ್ ರಿಟ್ರಿವಲ್ ಸಿಸ್ಟಮ್

ಎಂಬ ಪ್ರಬಂಧವನ್ನು ಮಂಡಿಸಿದ್ದು

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ಅಪೇಕ್ಷಿತವಾದ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಿದ್ದಾರೆಂದು ಪರಿಗಣಿಸಿ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರಧಾನಮಾಡಲಾಗಿದೆ

PH
07 000387

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ

USN : 2BV03MEN02



ಬೆಳಗಾವಿ

ದಿನಾಂಕ : ಏಪ್ರಿಲ್ ೮, ೨೦೧೨

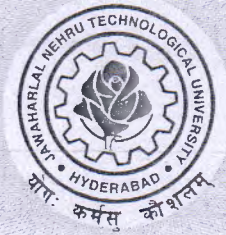
ಕುಲಪತಿ

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

HT No: 0603PH0639

Sl. No. PC 00529922

24145640525



PROVISIONAL CERTIFICATE

This is to certify that Mr. JOSHI GOPALKRISHNA

son of Mr. HANUMANTABHATT

has satisfied all the requirements for the award of Doctor of Philosophy

in the faculty of COMPUTER SCIENCE AND ENGINEERING

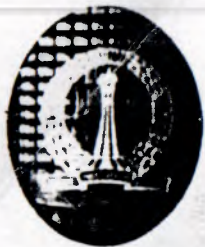
for the Thesis entitled "Optimisation of Data Quality Dimensions of Distributed and Co-operative Information Systems".

Verified by

Hyderabad - A.P.
Date: 24-10-2014

Director of Evaluation

REGISTRAR



Indian Institute of Science Bangalore.
Faculty of Engineering



The Council on the recommendation of the Senate of the

Institute hereby confers on

Vishwanath P Baligar

the degree of

Doctor of Philosophy

in recognition of the research work on

**Performance Evaluation of High Compression High Fidelity
Progressive Image Coding Algorithms**

C. M. M. M.
Director

19 June 2004

Raja Ramesh
Chairman of the Council



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH 09 001073

Provisional Degree Certificate

This is to certify that Mr./Ms. Satyadhyan Chickernur

*is qualified for the award of the degree of
Doctor of Philosophy (Faculty of Computer and Information Sciences) w.e.f.21-09-2012
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

Image Restoration using Evolutionary Computing Approach

with University Seat No. 4JN03PEN05

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 04.10.2012

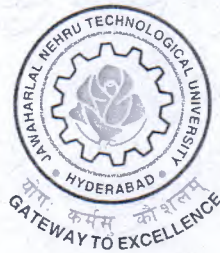


Registrar (Evaluation)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 500053



H.T No. : 0803PH0632

Mr. Shashikumar Totad
S/o. Guruputra

having fulfilled the academic requirements in *June, 2014*
has this day been admitted by the Executive Council to the Degree of

Doctor of Philosophy
Computer Science And Engineering

Topic : Some Novel Techniques for Frequent Pattern Mining of
Incremental and Distributed Databases.

Given under the Seal of the University

Date:04-09-2014



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR



4500014161887

PC No
20151026561

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 704797



H.T No. : 0703PH0637

Mr. Karibasappa K G

No. Basapa K G

having fulfilled the academic requirements in *November, 2016*

has this day been admitted by the Executive Council to the Degree of

Doctor Of Philosophy

Computer Science And Engineering

Topic : "Image Restoring Using Evolutionary Computing Approach".

Given under the Seal of the University

Date: 21-04-2017



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR



461061440013

PC No
316000496

OD



Hall Ticket No. : 0703PH0637

Verified by : CE

S. Tara kalyan

Controller of Examinations



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH
09 000748

Provisional Degree Certificate

This is to certify that Mr./Ms. Narayan Dattu Gizawane

is qualified for the award of the degree of

Doctor of Philosophy Faculty of Computer and Information Sciences w.e.f. 21.09.2017

*of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

"A Cross-layer Framework for QoS-aware Routing in Wireless Mesh Networks"

with University Seat No. 2BV09PEM04

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 27.09.2017



Bunni

Registrar (Evaluation)

*Phy
(Narayan D. G.)*

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

SHANKAR

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer & Information Sciences

for the thesis entitled

*Framework For Representation And Analysis Of 3d Data: An
Application To Digital Cultural Heritage*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

001965

Given under the seal of the University

USN: 2BV12PEN02



BELGAUM
DATE

: March 18, 2019

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Gururaj Shivappa Hanchinamani

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

New Approaches for Image Encryption Using Chaotic Maps

*in recognition of the fulfillment of requirements
for the said degree*

PH₁₃ 000968

Given under the seal of the University

USN: 2BV06PEN04



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Shrinivas D Desai

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer and Information Sciences

for the thesis entitled

**Image Reconstruction from Incomplete Projection of Medical
Data**

*in recognition of the fulfillment of requirements
for the said degree*

PH
13 001083

Given under the seal of the University

USN: 2BV07PEM01



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

SUVARNA G KANAKARADDI

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer & Information Sciences

for the thesis entitled

*Application of Fuzzy Logic To Natural Language
Understanding*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

001425

Given under the seal of the University

USN: 4BD03PEM02



VICE CHANCELLOR

BELGAUM

DATE : March 18, 2019

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1438061



H.T No. : 1003PH0654

Ms. Vijayalakshmi M

D/o. Maheshwarappa S

having fulfilled the academic requirements in *May - 2020*

has this day been admitted by the Executive Council to the Degree of

Doctor of Philosophy

Computer Science And Engineering

Topic: "Novel QoS Approaches for Real Time Wireless Video Transmission".

Given under the Seal of the University

Date: 16-10-2020



[Signature]

DIRECTOR OF EVALUATION

[Signature]

REGISTRAR

[Signature]

VICE CHANCELLOR



49214116999

PC No
320001569

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1327792



H. T No. : 0803PH0649

Ms. Sunitha Hiremath P G

D/o. Gurupadaiah

having fulfilled the academic requirements in *December - 2018*
has this day been admitted by the Executive Council to the Degree of

Doctor of Philosophy

Computer Science And Engineering

Topic: "Middleware Modeling for Hybrid Mobile Adhoc Networks".

Given under the Seal of the University

Date: 14-02-2019



[Signature]

DIRECTOR OF EVALUATION

[Signature]

REGISTRAR

[Signature]

VICE CHANCELLOR



48014101340

PC No
318001185

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

SHANTALA GIRADDI

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer And Information Sciences

for the thesis entitled

Automated Detection of Diabetic Retinopathy

*in recognition of the fulfillment of requirements
for the said degree*

PH 001480
13

Given under the seal of the University

USN: 2SD10PEN02



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR

INDIAN INSTITUTE OF TECHNOLOGY : DELHI
HAUZ KHAS, NEW DELHI-110 016



PROVISIONAL CERTIFICATE
(P.G. Programmes)

Date of Approval: 28.07.2004

This is to certify that **Ms. Rajeshwari Mahalingappa Banakar** (Entry No. 2000REE006) who submitted the thesis entitled:

***A LOW POWER DESIGN METHODOLOGY FOR
TURBO ENCODER AND DECODER***

for the award of Degree of **DOCTOR OF PHILOSOPHY** has, after having fulfilled all the prescribed academic requirements for this Degree, been declared eligible for award of Ph.D. degree of this Institute.

The Degree will be awarded to her at the next **CONVOCATION** of the Institute.

Assistant Registrar
Postgraduate Studies & Research

Dated: 28th July, 2004

N.B. : This Provisional Certificate is valid till the degree is awarded.



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH 09 00165

Provisional Degree Certificate

This is to certify that Mr./Ms. Anilkumar V. Nandi

*is qualified for the award of the degree of
Doctor of Philosophy (Faculty of Electrical & Electronics Engineering) w.e.f. 04.11.2010
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**Spatial Prediction based Optimized Architecture for
Image Compression**

with University Seat No. 2BV04PEN02

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 25.11.2010



Mishnamurthy G. S.
Registrar (Evaluation)

1773A
11u



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH
09 001235

Provisional Degree Certificate

This is to certify that Mr./Ms. Nalini.C.Iyer

*is qualified for the award of the degree of
Doctor of Philosophy Faculty of Electrical and Electronics Engineering Sciences w.e.f. 19-4-2014
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**Novel Efficient Architecture for Implementation of AES
Transformations on Reconfigurable Array Platforms**

with University Seat No. 1IT04PEN01

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 25-4-2014



Registrar (Evaluation)

भारतीय प्रौद्योगिकी संस्थान दिल्ली

अभिषद की अनुशंसा पर

विद्या वाचस्पति

की उपाधि एतद्द्वारा

उमा मुदेनगुडी

को प्रदान करता है।

शोध-प्रबन्ध शीर्षक : मार्कोव रैन्डम फील्ड मॉडल्स फॉर सुपर रेजॉल्यूशन इन स्पेस ऐन्ड टाइम।
भारतीय गणराज्य के अन्तर्गत दिल्ली में आज, दिनांक 9 अगस्त 2008 को संस्थान की मुद्रा अंकित यह उपाधि दी गई।

Indian Institute of Technology Delhi

Upon the recommendation of the Senate hereby confers the degree of

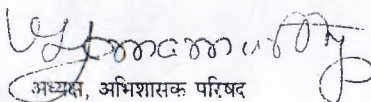
Doctor of Philosophy

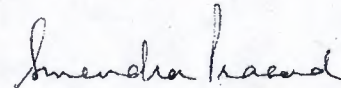
on

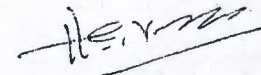
UMA MUDENAGUDI

Thesis title : MARKOV RANDOM FIELD MODELS FOR SUPER RESOLUTION IN SPACE AND TIME.

Given this day, the 9th of August 2008, under the seal of the Institute at Delhi in the Republic of India.


अध्यक्ष, अभिशासक परिषद
Chairman, Board of Governors


निदेशक एवं अध्यक्ष, अभिषद
Director & Chairman, Senate


कुलसचिव
Registrar





ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH 09 001018

Provisional Degree Certificate

This is to certify that Mr./Ms. Priyatamkumar

*is qualified for the award of the degree of
Doctor of Philosophy (Faculty of Electrical & Electronics Engg, Sciences) w.e.f.29-07-2011
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**Mitigating Inter Symbol Interference in Fourth Generation
Mobiles using Soft Iterative Estimator Turbo Equalizer
with University Seat No. 2BV04PEN01**

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum
Date : 04.08.2011



Trishnamthy G. S.
Registrar (Evaluation)

PRINCIPAL
B. V. BHOSLE WADI COLLEGE
ENGINEERING & TECHNOLOGY
HUBLI - 580 011



This is to certify that
Rajashekar B Shettar
has been conferred the Degree of
Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

Design and Implementation of Interval
Arithmetic Coprocessor

*in recognition of the fulfillment of requirements
for the said degree*

PH 000208

Given under the seal of the University

USN: 2BV05PEN01

R. J. J. J.
PRINCIPAL



B.V.B. College of Engineering
& Technology.

BELGAUM

DATE

MAY 20 2012 L I - 580 G31

[Signature]
VICE CHANCELLOR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

HT No: 0603PH0826

12490468341

Sl. No. PC 00164331



PROVISIONAL CERTIFICATE

This is to certify that Ms. SAROJA V SIDDAMAL

daughter of Mr. SIDDAMAL V U

has satisfied all the requirements for the award of Doctor of Philosophy

in the faculty of ELECTRONICS AND COMMUNICATION ENGINEERING

for the Thesis entitled "Coprocessor Design for Split Step Fourier Method"

M. S.
Verified by

Hyderabad - A.P.
Date: 13-03-2013

[Signature]
Director of Evaluation

[Signature]
REGISTRAR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Sujata S Kotabagi

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

**A Study of Stability Issues of Fourth Order, Mash
Architecture, Low Power, Delta Sigma ADC**

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

000974

Given under the seal of the University

USN: 2BV08PEN02



BELGAUM

DATE : January 09, 2018

A blue ink signature is written over the text 'VICE CHANCELLOR'.

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

SUNEETA V BUDIHAL

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

*An Optimized System Model For Inter Cell Interference
Reduction Employing Cooperative Communication*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13 001202

Given under the seal of the University

USN: 2BV09PEM01

BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

UJWALA BHIMRAO PATIL

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

*A Hierarchical Approach To Image Fusion And Its Performance
Analysis*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

001602

Given under the seal of the University

USN: 2BV09PEM02



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर
इलेक्ट्रॉनिकी एवं विद्युत् अभियांत्रिकी में

विद्या वाचस्पति की उपाधि

एस. आर. निर्मला

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ नवम्बर 2012 में सफलतापूर्वक पूर्ण करने पर
प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 8 जून 2013 को संस्थान की
यह मुद्रा अंकित उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

in

Electronics and Electrical Engineering

on

S. R. Nirmala

who has successfully completed in November 2012 the requirements prescribed
under the regulations for the award of this degree.

Given this day, under the seal of the Institute at Guwahati in the Republic of India,
the 8th day of June, 2013.

Thesis Title : Wavelet Weighted Distortion Measures for Retinal Images

निदेशक एवं
अध्यक्ष, विद्या परिषद
Director and
Chairman, Senate

कुलसचिव
Registrar

अध्यक्ष,
शासी मंडल
Chairman,
Board of Governors



भारतीय प्रौद्योगिकी संस्थान मुंबई

ए. बी. राजू
को एतद्द्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है ।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि,
अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण करने पर
तथा सितम्बर 2005 में अपने शोध-प्रबंध के सफल पक्षपोषण के उपरान्त,
मुंबई, भारतीय गणराज्य में आज 16 सितम्बर, 2005 को दी गई है ।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

A. B. Raju

who has fulfilled the requirements for the degree as prescribed under the regulations
and successfully defended in September 2005, the thesis entitled

“Application of Power Electronic Interfaces for Grid Connected Variable Speed
Wind Energy Conversion Systems.”

Given this day, under the seal of the Institute at Mumbai in the Republic of India,
the 16th day of September 2005.



अध्यक्ष, अभिषद
Chairman, Senate

कुलसचिव
Registrar

अध्यक्ष, शासी मंडल
Chairman, Board of Governors

C-88E-147
08/02/2012



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH 09 000243

Provisional Degree Certificate

This is to certify that Mr./Ms. S. Ramesh Karnik

*is qualified for the award of the degree of
Doctor of Philosophy (Faculty of Electrical & Electronics Engineering Sciences) w.e.f.31-01-2012
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**Methodology of Taguchi Principles for the Robust Design of
Power System Stabilizer**

with University Seat No. 2BV07PEN02

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 04.02.2012



Nishramulky
Registrar (Evaluation)

01
HUBLI-31.
ENGINEERING AND TECHNOLOGY
HUBLI-31.

Karnatak University, Dharwad



We, the Chancellor, Vice-Chancellor
and Members of the Senate of
the Karnatak University certify that

Marali Gudadappagouda Basanagouda of
Post Graduate Department of Studies in Mathematics
having been examined in *November 1994* and placed in the
First Class, with Distinction the Post-graduate Degree of

MASTER OF PHILOSOPHY

has been conferred on him at *Dharwad*, on the *twenty ninth* day
of the month of *March* in the year
one thousand nine hundred ninety five

In Testimony whereof are set the Seal of the said
University and the Signature of the said Vice-Chancellor;

Amrath
Vice-Chancellor

[Signature]

PRINCIPAL
B. V. Bhoomaraddi College of
Engineering & Technology
HUBLI-580 031

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ
KARNATAK UNIVERSITY



DHARWAD

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು

We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the Syndicate and Academic Council of the Karnatak University certify that

ನೀಲಿ ಉಮಾದೇವಿ ಈಶ್ವರಪ್ಪ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಜೂನ್

೨೦೧೩

ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

NEELI UMADEVI ISHWARAPPA

for having qualified for the Degree in

June 2013

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಗಣಿತ

Doctor of Philosophy

MATHEMATICS

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಹದಿನಾಲ್ಕನೆಯ ಮಾರ್ಚ್
ಇಪ್ಪತ್ತೈದ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

*has been conferred on him / her at Dharwad, on the Twentyfifth day
of the month of March in the year Two thousand fourteen.*

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

*In Testimony whereof are set the Seal of the said University and the Signature
of the said Vice-Chancellor.*



P.G. Degree : Mathematics

Thesis Title : "Some Advanced Topics in Topological Spaces"

2013/AR/AB/2

ಕುಲಪತಿ Vice-Chancellor

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ

000863

KARNATAK UNIVERSITY



DHARWAD



00863

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು
*We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the
Syndicate and Academic Council of the Karnatak University certify that*

ಶೆಟ್ಟರ ಭಾರತಿ ಮಲ್ಲಿಕಾರ್ಜುನ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಆಗಸ್ಟ್

೨೦೧೭

ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

SHETTAR BHARATI MALLIKARJUNA

for having qualified for the Degree in August 2017

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಗಣಿತ

Doctor of Philosophy

MATHEMATICS

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಹದಿನೆಂಟನೆಯ ಮೇ

ಐದ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

*has been conferred on him / her at Dharwad, on the Fifth day
of the month of May in the year Two thousand eighteen.*

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.
*In Testimony, whereof are set the Seal of said University and the Signature
of the said Vice-Chancellor.*

P.G. Degree : Mathematics

Thesis Title : "Wavelet Multigrid Methods to solve Elastohydrodynamic Lubrication Problems"



DRS


KUVEMPU UNIVERSITY

Office of the Registrar(Evaluation), Jnana Sahyadri, Shankaraghatta – 577 451,
Karnataka State, India.

No: KU /EB /Ph.D.392/ 5836 /2014-15.

Date: 12-09-2014.

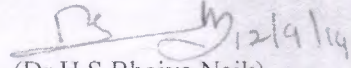
NOTIFICATION

It is hereby notified that the Vice-Chancellor, under the authorization of the Syndicate and on the recommendations of the Board of Examiners, has accepted to award the following Degree to the under mentioned candidate on the basis of her thesis submitted on the topic mentioned below:

AWARD OF DOCTOR OF PHILOSOPHY (Ph.D.,)			
Candidate	Subject	Guide	Topic
Mrs. Patil Dakshayani Anand , Research Scholar, Dept. of Mathematics, Kuvempu University, Jnana Sahyadri, Shankaraghatta – 577 451.	Mathematics	Dr. C.S. Bagewadi, Professor, Dept. of Mathematics, Kuvempu University, Jnana Sahyadri, Shankaraghatta – 577 451.	“ RECURRENCE OF CONTACT MANIFOLDS ”

It is declared that the above mentioned candidate is eligible to receive the award of Ph.D.. degree in the respective subject at the ensuing Convocation or thereafter.

BY ORDER,


(Dr.H.S.Bhojya Naik)

REGISTRAR (EVALUATION).

COPY TO :

✓ The Candidate concerned and
the Guide concerned.

COPY COMMUNICATED TO :

1. Dr. T. Venkatesh, Professor, Dept. of Mathematics, Rani Channamma University, Belagavi – 591 156.
2. Dr. P.N. Pandey, Professor & Head, Dept. of Mathematics, University of Allahabad, Allahabad – 211 002, Uttar Pradesh.
3. The Chairman of All P.G. Departments of Kuvempu University.
4. The Principals of Two Constituent College of Kuvempu University.
5. The Editor, "University News", A.I.U.House, 16-Kotla Marg, New Delhi.
6. The Secretary, U.G.C. Bahadur Shah-Zafar Marg, New Delhi.
7. The Director, INFLIBNET Centre, Infocity, Post Box. No.4, Gandhinagara – 382 007, Gujarat State.
8. The Registrars of all Universities in Karnataka.
9. The Editor, University News Letter (both Kannada & English), Kuvempu University, Shankaraghatta.
10. The District Information Officer, Dept. of Information & Publicity, Vartha Bhavan, Shimoga - for favour of Publication in the leading News Papers, Free of Cost (35 copies enclosed).
11. The Directors of All India Radio Stations, Bhadravathi / Bangalore - for information with a request to announce the gist in the regional News Bulletin

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ
KARNATAK UNIVERSITY

74



KUD31778



DHARWAD

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಜಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಸಂಘತ್ ಸದಸ್ಯರು

We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the Syndicate and Academic Council of the Karnatak University certify that

ಪಾಗೆ ಮಹಮ್ಮದಹನೀಫ ಬಾಬುಲಾಲ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಜನೆವರಿ

೨೦೦೯

ರಲ್ಲಿ

ಅರ್ಪಣದ ನಿಮಿತ್ತ ಇವರಿಗೆ

PAGE MAHAMMADHANIF BABULAL

for having qualified for the Degree in

January

2009

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಗಣಿತ

Doctor of Philosophy
MATHEMATICS

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಹತ್ತನೆಯ ಫೆಬ್ರುವರಿ
ಎಂಟ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

*has been conferred on him / her at Dharwad, on the eighth day
of the month of February in the year Two thousand ten.*

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

*In Testimony whereof are set the Seal of the said University and the Signature
of the said Vice-Chancellor.*



[Signature]
ಕುಲಪತಿ Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Shaila B Gudimani

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Mathematics)

for the thesis entitled

Algebraic Graph Theory

*in recognition of the fulfillment of requirements
for the said degree*

PH 000790
13

USN: 2GI10PGM03

Given under the seal of the University



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Sumedha S Shinde

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Mathematics)

for the thesis entitled

Spectral Graph Theory

*in recognition of the fulfillment of requirements
for the said degree*

PH
13 000781

Given under the seal of the University

USN: 2GI10PGM04



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ,
ಧಾರವಾಡ.

KARNATAK UNIVERSITY, DHARWAD.

"University with Potential for Excellence"

'A' Grade
NAAC Accredited-2008

No.KU/Aca/Ph.D./SSM/93/2014-15/54

Date: 16.10.2014

ಪ್ರಕಟಣೆ

ಪಿಎಚ್.ಡಿ. ಪದವಿ ಪರಿಣಾಮ ಪ್ರಕಟಣೆ

ಈ ಕೆಳಗೆ ತಿಳಿಸಿದ ಸಂಶೋಧನಾ ಅಭ್ಯರ್ಥಿ ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಸಾದರಪಡಿಸಿದ ಮಹಾಪ್ರಬಂಧವನ್ನು ಪರಿಶೀಲಿಸಿ, ಮೌಲ್ಯಮಾಪನ ಮಾಡಿ ಸಲ್ಲಿಸಿದ ವರದಿಗಳನ್ನು ಅನುಲಕ್ಷಿಸಿ ಸಂಬಂಧಿಸಿದ ಅಭ್ಯರ್ಥಿಗೆ ಈ ಕೆಳಗೆ ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ನಿಖಾಯದಲ್ಲಿ ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಯನ್ನು ಪ್ರಧಾನ ಮಾಡಲು ಮಾನ್ಯ ಕುಲಪತಿಗಳು, ಸಿಂಡಿಕೇಟ್ ಸಭೆಯ ಪರವಾಗಿ ಒಪ್ಪಿಗೆ ನೀಡಿದ್ದಾರೆ. ಆ ಪ್ರಕಾರ ಸದರಿ ಅಭ್ಯರ್ಥಿಯು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿ ಪಡೆಯಲು ಅರ್ಹರಿರುವರೆಂದು ಈ ಮೂಲಕ ಘೋಷಿಸಲಾಗಿದೆ.

೧) ಅಭ್ಯರ್ಥಿಯ ಹೆಸರು	-	ಶ್ರೀ ನಾರಾಯಣ ಸ್ವಾಮಿ ಅಮರೇಶ
೨) ನೋಂದಣಿ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ	-	93/13.11.2006
೩) ಸ್ನಾತಕೋತ್ತರ ಪದವಿಯ ವಿಷಯ	-	ಗಣಿತ
೪) ಸಂಶೋಧನೆಯ ವಿಷಯ	-	ಗಣಿತ
೫) ಮಹಾಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ	-	"ಸಮ್ ಟಾಪಿಕ್ಸ್ ಇನ್ ಸ್ಪೆಕ್ಟ್ರಾ ಆಫ್ ಗ್ರೂಪ್ಸ್"
೬) ನಿಖಾಯ	-	ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ
೭) ಮಾರ್ಗದರ್ಶಕರ ಹೆಸರು	-	ಡಾ. ಎಚ್. ಬಿ. ವಾಲೀಕಾರ, ಪ್ರಾಧ್ಯಾಪಕರು, ಗಣಕವಿಜ್ಞಾನ ಅಧ್ಯಯನ ವಿಭಾಗ, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ.

NOTIFICATION

DECLARATION OF RESULT OF DOCTOR OF PHILOSOPHY

The Vice-Chancellor of this University on behalf of the Syndicate has accepted the reports of the examiners for the award of the Degree of Doctor of Philosophy to the candidate in the subject & faculty as shown below. He/She is accordingly declared qualified to receive the degree of Doctor of Philosophy.

1) Name of the Candidate	-	Sri Narayan Swamy Amaresh
2) Registration No. & Date	-	93/13.11.2006
3) P.G. Course Subject	-	Mathematics
4) Subject for Research	-	Mathematics
5) Title of the thesis	-	"Some Topics in Spectra of Grpahs"
6) Faculty	-	Science & Technology
7) Name of the Guide	-	Dr. H.B Walikar, Professor, Dept. of Studies in Computer Science, Karnatak University, Dharwad.

REGISTRAR
Karnatak University, Dharwad



KARNATAK UNIVERSITY



ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು

We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the Syndicate and Academic Council of the Karnatak University certify that

ಭಾದ್ರಿ ಗುರೂರಾಜ ನಾರಾಯಣರಾವ್

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಆಗಸ್ಟ್

2006

ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

BHADRI GURURAJ NARAYANRAO

for having qualified for the Degree in August 2006

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಅಂಕ ಮತ್ತು ಸಂಖ್ಯಾ ಶಾಸ್ತ್ರ

Doctor of Philosophy

STATISTICS

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಏಳನೆಯ ಜನವರಿ

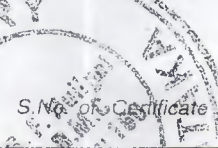
ಇಪ್ಪತ್ತ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

has been conferred on him/her at Dharwad, on the twentieth day of the month of January in the year Two thousand seven.

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

In Testimony whereof are set the Seal of the said University and the Signature of the

Chancellor **ATTESTED**



336

NOTARY

10/1/08



Sk. Seidappa
ಕುಲಪತಿ Vice-Chancellor



ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ
KARNATAK UNIVERSITY

001046



DHARWAD

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು
*We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the
Syndicate and Academic Council of the Karnatak University certify that*

ನಿವೇದಿತಾ ಕಬ್ಬೂರ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಜನೇವರಿ

೨೦೧೯

ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

NIVEDITA KABBUR

for having qualified for the Degree in January 2019

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಗಣಿತ
Doctor of Philosophy

MATHEMATICS

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ, ಎರಡು ಸಾವಿರದಾ ಹತ್ತೊಂಬತ್ತನೆಯ ಫೆಬ್ರವರಿ

ನಾಲ್ಕು ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

*has been conferred on him / her at Dharwad, on the Fourth day
of the month of February in the year Two thousand nineteen*

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

*In Testimony, whereof are set the Seal of said University and the Signature
of the said Vice-Chancellor.*

P.G. Degree : Mathematics

Thesis Title : "On Some New Topics in Topology"



2018/AR/P/ 83

P.B. —

ಕುಲಪತಿ Vice-Chancellor

भारतीय प्रौद्योगिकी संस्थान दिल्ली

अभिषद की अनुशंसा पर

विद्या वाचस्पति

की उपाधि एतद्द्वारा

प्रकाश गुरुशिड्डप्पा तिवारी

को प्रदान करता है।

शोध-प्रबन्ध शीर्षक : स्टडीज ऑन ए प्रोड्यूसर गैस ऑपरेटेड स्पार्क इग्निशन इंजन कन्वर्टेड फ्रॉम ए सिंगल सिलिंडर डीजल इंजन।
भारतीय गणराज्य के अन्तर्गत दिल्ली में आज, दिनांक 12 अगस्त 2000, संस्थान की मुद्रा अंकित यह उपाधि दी गई।

Indian Institute of Technology Delhi

Upon the recommendation of the Senate hereby confers the degree of

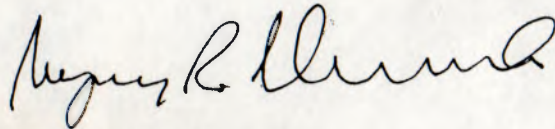
Doctor of Philosophy

on

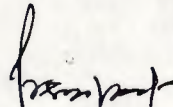
PRAKASH GURUSHIDDAPPA TEWARI

Thesis title : STUDIES ON A PRODUCER GAS OPERATED SPARK IGNITION ENGINE CONVERTED FROM A SINGLE CYLINDER
DIESEL ENGINE

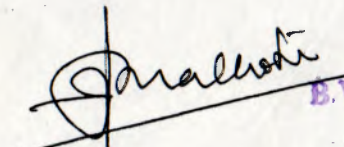
Given this day, the 12th of August 2000, under the seal of the Institute at Delhi in the Republic of India.



अध्यक्ष, अभिशासक परिषद
Chairman, Board of Governors



निदेशक एवं अध्यक्ष, अभिषद
Director & Chairman, Senate



कुलसचिव
Registrar

PRINCIPAL
B.V.B. College of Engineering
& Technology
HUBLI - 580 017



ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಹ ಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು, ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ಶೈಕ್ಷಣಿಕ ಮಂಡಳಿ ಸದಸ್ಯರಾದ ನಾವು

We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and the members of Syndicate and Academic Council of Mangalore University do hereby make known that

ಬಸವರಾಜ ಬಿ. ಕೊಟ್ಟೂರ್‌ಶೆಟ್ಟರ್ ಅವರು
BASAVARAJ B. KOTTURSHETTAR

has been admitted to the Degree of

2003ನೆಯ ವರ್ಷದ ಜನವರಿ ತಿಂಗಳಲ್ಲಿ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ

ಮೆಕಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್‌ನಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

**DOCTOR OF PHILOSOPHY
IN MECHANICAL ENGINEERING**

ಪದವಿಯನ್ನು ಪಡೆಯಲು ಅಂಗೀಕೃತರಾಗಿರುವರೆಂದು ಈ ಮೂಲಕ ಶ್ರುತಪಡಿಸುತ್ತೇವೆ.

on being duly certified to have qualified for the same in the month of January 2003

ಮಹಾಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ

Title of the thesis :

"ANALYSIS, DESIGN AND EXPERIMENTAL VERIFICATION OF NEW MANIPULATION ROBOT CONFIGURATIONS".

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಛಾಂಪನದೊಂದಿಗೆ ನೀಡಿದೆ.

Given under the Seal of the University

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
MANGALAGANGOTRI Karnataka State INDIA

ವಿಜ್ಞಾನ ಕ್ರಮ ದಿನಾಂಕ
Date of Convocation 15th February 2003



[Signature]
VICE-CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that
N. R. Banapurmath
has been conferred the Degree of
Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

**Performance, Combustion and Emission Characteristics of a Single
Cylinder Direct Injection CI Engine Operated on Dual Fuel Mode
Using Honge Oil and Producer Gas**

*in recognition of the fulfillment of requirements
for the said degree*

PH
07 000077

Given under the seal of the University



H. P. Khincha

BELGAUM
DATE : FEB 10, 2009

PRINCIPAL.

B. V. B. College of Engineering & Tech.

VICE CHANCELLOR



Kuvempu University

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟ್ ಸದಸ್ಯರಾದ
ನಾವು ಶ್ರೀ / ಶ್ರೀಮತಿ **ಗಾಯತೊಂಡೆ ವಿನಾಯಕ ನೀಲಕಂಠ** ಇವರು

..... 2008 ನೇ ವರ್ಷದಲ್ಲಿ ಪರೀಕ್ಷಕರಿಂದ ಪರೀಕ್ಷಿಸಲ್ಪಟ್ಟು **ಪಿಹೆಚ್.ಡಿ**

ಪದವಿಗಾಗಿ ಅರ್ಹರಾಗಿರುತ್ತಾರೆಯೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ ದಿನಾಂಕ **23-02-2008** ರಂದು ನಡೆದ

..... **ಹದಿನೆಂಟು** ನೇ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ಇವರನ್ನು

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
(**ಇಂಡಸ್ಟ್ರಿಯಲ್ ಅಂಡ್ ಪ್ರೊಡಕ್ಷನ್ ಇಂಜಿನಿಯರಿಂಗ್**)
ಪದವಿಗೆ ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor, the members of the Academic Council and Syndicate of Kuvempu University, certify that, on the recommendation of the Board of Examiners, Sri / Smt. **GAITONDE VINAYAK NEELAKANTH** has been admitted to the degree of

DOCTOR OF PHILOSOPHY
(**INDUSTRIAL & PRODUCTION ENGINEERING**)

at the **Eighteenth** Convocation held on **23-02-2008**

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಿದೆ.
Given under the seal of the University

ಜ್ಞಾನಸಹ್ಯಾದ್ರಿ - ಶಂಕರಘಟ್ಟ
Jnana Sahyadri - Shankarghatta
Pin Code : 577 451
ಕರ್ನಾಟಕ : Karnataka
ಭಾರತ : India
ದಿನಾಂಕ : Date 23-02-2008

SL. No. : **Nº 031301**



ಕುಲಪತಿ
Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Krishnaraja G. Kodancha

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

**3D Finite Element Analyses on Constraint Issues
in Fracture using CT & SENB Specimens**

*in recognition of the fulfillment of requirements
for the said degree*

PH
07 000423

Given under the seal of the University

USN : 2BV05PMM02



BELGAUM

DATE : APRIL 8, 2012

VICE CHANCELLOR

Anna University Chennai



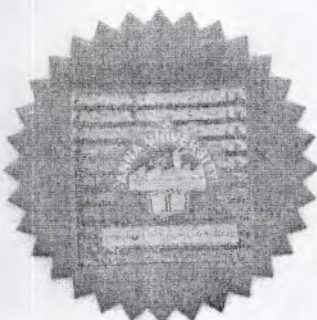
Reg. No.:2004269708/RG

The Syndicate of the Anna University Chennai hereby makes known that **ANIL SHANKAR BADIGER** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2010**.

Title of the thesis:

STUDIES ON ENHANCING EQUIPMENT PERFORMANCE USING MODIFIED OVERALL EQUIPMENT EFFECTIVENESS MEASURE

Given under the Seal of the University



Chennai 600 025
India
February 2010
CARU/2127

V. Anand
Controller of Examinations

S. Srinivasan
Registrar

S. Srinivasan
Vice-Chancellor

1773A

Blu



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH 09 000223

Provisional Degree Certificate

This is to certify that Mr./Ms. Sanjay V. Kotabagi

*is qualified for the award of the degree of
Doctor of Philosophy (Faculty of Mechanical Engg.) w.e.f. 20.05.2010
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

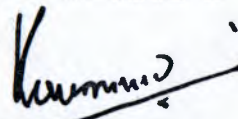
**An Investigation to Identify Barriers to Knowledge Creation and
Development of a Conceptual Model for Sustained Performance of
Small and Medium Sized Engineering Industries**

with University Seat No. 2BV03PMM04

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum
Date : 28.05.2010




Registrar (Evaluation)



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

Siddhalingeswar I G


in recognition of the research work on

**Microstructure-Property Relationship In
Mushy State Rolled In-situ Al-4.5Cu-5TiB₂ Composite**

Given under the seal of the Institute at Kharagpur on the Twentysecond day of August, Two Thousand and Eleven


Registrar




Director

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

G U Raju

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Experimental Study on Mechanical and Thermal
Properties of Groundnut Shell Particle Reinforced
Polymer Composites

*in recognition of the fulfillment of requirements
for the said degree*

PH
13 000328

Given under the seal of the University

USN: 4BD05PMN01



BELGAUM
DATE : MAY 09, 2015

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

Prashanth P Revankar

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Studies on Wind Bio-Diesel Hybrid
Power System

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

000061

Given under the seal of the University

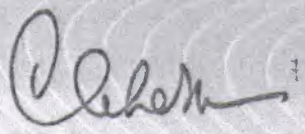
USN: 2BV03PMM03



BELGAUM

DATE

: APRIL 05, 2013


VICE CHANCELLOR

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
ಕರ್ನಾಟಕ, ಭಾರತ



ಶ್ರೀ/ಶ್ರೀಮತಿ ಪ್ರಶಾಂತ ಪಿ ರೇವಣಕರ ಇವರು

ಫ್ಯಾಕಲ್ಟಿ ಆಫ್ ಮೆಕ್ಯಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ಸೈನ್ಸಸ್ ವಿಭಾಗದಲ್ಲಿ

ಸ್ಟಡಿಸ್ ಆನ್ ವಿಂಡ ಬಯೋ ಡಿಸೆಲ್ ಹೈಬ್ರಿಡ್
ಪಾವರ ಸಿಸ್ಟಮ್

ಎಂಬ ಪ್ರಬಂಧವನ್ನು ಮಂಡಿಸಿದ್ದು

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ಅಪೇಕ್ಷಿತವಾದ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಿದ್ದಾರೆಂದು ಪರಿಗಣಿಸಿ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರಧಾನಮಾಡಲಾಗಿದೆ

PH 13 000061

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ

USN: 2BV03PMM03



ಬೆಳಗಾವಿ

ದಿನಾಂಕ : ಎಪ್ರಿಲ್ ೦೫, ೨೦೧೩

HEAD OF THE
DEPT. OF MECH. ENGG.

J.V.B. College of Engg. & Tech.,
HUBLI-580 031.

ಕುಲಪತಿ

424
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

T V Sreenath

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

**The Influence of Quality Management System (QMS) on the
Performance of SMEs in Hubli- Dharwad**

*in recognition of the fulfillment of requirements
for the said degree*

PH
13 001101

Given under the seal of the University

USN: 2BV11PMM02



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH
09 000761

Provisional Degree Certificate

This is to certify that Mr./Ms. Gireesh N M

*is qualified for the award of the degree of
Doctor of Philosophy Faculty of Mechanical Engineering Sciences w.e.f. 21.09.2017
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

"Studies on CNG-Hydrogen Mixtures and Biodiesel Operated Compression Ignition Dual Fuel Engine"

with University Seat No. 2BV09PMM01

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 27.09.2017



[Signature]

Registrar (Evaluation)

1773A

Biu



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH 09 001119

Provisional Degree Certificate

This is to certify that Mr./Ms. Shivakumar B. Burli

*is qualified for the award of the degree of
Doctor of Philosophy (Faculty of Mechanical Engineering Sciences) w.e.f. 28-02-2013
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**Some studies on Dimensions of TQM in ISO Certified Engineering
Institutes in India**


with University Seat No. 2BV04PMM02

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 08.03.2013




Registrar (Evaluation)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

BALIKAI VEERESH GURUSHIDDAPPA

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

*Optimization Of Die Casting Process Parameters For
Aluminium Alloy Through Simulations And Experimental
Studies For Improved Quality*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

001673

Given under the seal of the University

USN: 2BV10PMN01



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

MAHESH B GORAWAR

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

*Theoretical Modelling And Experimental Validation of Spv/T
System For Crop Drying Applications*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

001279

Given under the seal of the University

USN: 2BV10PMN02



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

PRABHAKAR M BHOVI

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

*Studies on Development of Ultrafine Grained Aluminum Alloys
Using Repetitive Corrugation and Straightening Process*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13

001834

Given under the seal of the University

USN: 1NA11PMN03



BELGAUM
DATE :

March 18, 2019

VICE CHANCELLOR



This is to certify that

Rajashekhar S Hosmath

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

**Performance and Emission Characteristic studies on a single
Cylinder direct injection CI Engine on Honge Biodiesel and
Hydrogen in Dual Fuel Mode**

*in recognition of the fulfillment of requirements
for the said degree*

PH 000951
13


Given under the seal of the University

USN: 2BV09PMM04



BELGAUM
DATE

January 09, 2018


VICE CHANCELLOR



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

PH
18 001118

Provisional Degree Certificate

This is to certify that Mr./Ms. ARUN Y PATIL

is qualified for the award of the degree of

DOCTOR OF PHILOSOPHY IN FACULTY OF MECHANICAL ENGINEERING SCIENCES W.E.F. 30.07.2020

*of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

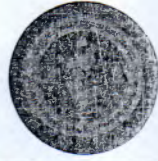
EXPERIMENTAL AND SIMULATION STUDIES ON THE DEVELOPMENT OF NOVEL BIOMATERIAL FOR
CONSTRUCTION AND DENTAL APPLICATIONS

with University Seat No. 2BV15PMJ08

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belagavi

Date : 05.08.2020



Bunni
Registrar (Evaluation)

[Signature]

Indian Institute of Technology Kharagpur



*upon the recommendation of the Senate
hereby confers the degree of*

Doctor of Philosophy


on

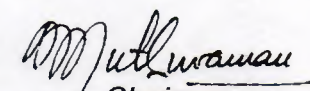
Shivashankaragouda V Patil

*who has successfully completed the prescribed requirements in the
Department of Industrial Engineering and Management.*

*Given under the seal of the Institute at Kharagpur in the Republic of
India on the Twentyfifth day of July, Two thousand eight.*


Registrar


Director


Chairman
Board of Governors

Karnatak University, Dharwad



We, the Chancellor, Vice-Chancellor
and Members of the Senate of
the Karnatak University, certify that

Chachadi Ningsappa Gangappa

for having qualified for the Degree,
the Degree of

Doctor of Philosophy

(Economics)

has been conferred on him at Dharwad, on the sixteenth day
of the month of January in the year
one thousand nine hundred ninety two.

In Testimony whereof are set the Seal of the said
University and the Signature of the said Vice-Chancellor.

J. Anand
Vice-Chancellor

Chachadi

Chachadi
(Dr. G. Chachadi)

A7 - 00015.MBA.12.13.16

ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
RANI CHANNAMMA UNIVERSITY, BELAGAVI



ರಾಣಿ ಚನ್ನಮ್ಮ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಮಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು
ಸಿಂಡಿಕೇಟ್ ಹಾಗೂ ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರಾದ ನಾವು
*We the chancellor, the Pro-Chancellor, the Vice-Chancellor
Members of the Syndicate and Academic Council
of the Rani Channamma University do hereby certify that*

Gurubasavarya Hiremath

ಇವರು ಪರೀಕ್ಷಕರಿಂದ ಪರೀಕ್ಷಿಸಲ್ಪಟ್ಟು, ಪರೀಕ್ಷಕರ ಮಂಡಳಿಯ ಶಿಫಾರಸ್ಸಿನಂತೆ
*on the recommendation of the Board of Examiners, admitted to the Degree of
Doctor of Philosophy*

in

Business Administration

ಪದವಿಗೆ ಅರ್ಹರಾಗಿರುತ್ತಾರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ
ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರದಾನ ಮಾಡಲಾಗಿದೆಯೆಂದು ಪ್ರಮಾಣೀಕರಿಸುತ್ತೇವೆ.
*recognition of the fulfilment of requirements
on being duly certified to have passed the prescribed examination*

Title of the Thesis

The Impact of Government Programs on Employee Management in Small
Scale Enterprises of North Karnataka Region



ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ
Given under the seal of the University



ಅಧಿಸೂಚನೆ ದಿನಾಂಕ 02.07.2018
Date of Notification

ಘಟಕೋತ್ಸವದ ದಿನಾಂಕ 29.05.2019
Date of Convocation



[Signature]
ಕುಲಪತಿಗಳು
Vice Chancellor

ಬೆಳಗಾವಿ / Belagavi

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703079



H.T No. : 1003PH1325

Mr. Mahantesh Halagatti

S/o. Basavaraj

having fulfilled the academic requirements in *March, 2016*

has this day been admitted by the Executive Council to the Degree of

Doctor Of Philosophy

Management Science

Topic : "An Evaluation of Total Quality Management (TQM) Practices in Small and Medium Enterprises of North Karnataka".

Given under the Seal of the University

Date: 21-04-2017



CSE

DIRECTOR OF EVALUATION

Mahantesh

REGISTRAR

Alexander

VICE CHANCELLOR



461061416236

PC No
316000197

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
ಕರ್ನಾಟಕ, ಭಾರತ



ಶ್ರೀ/ಶ್ರೀಮತಿ ಪ್ರಕಾಶಗೌಡ ಆರ್ ಪಾಟೀಲ್ ಇವರು

ಫ್ಯಾಕಲ್ಟಿ ಆಫ್ ಕಂಪ್ಯೂಟರ್ ಆಂಡ್ ಇನ್ಫರ್ಮೇಶನ್ ಸೈನ್ಸ್ ವಿಭಾಗದಲ್ಲಿ

ಕ್ವಾಲಿಟಿ ಎನ್‌ಹಾನ್ಸ್‌ಮೆಂಟ್ ಆಫ್ ಡೇಟಾ ಅಗ್ರಿಗೇಶನ್ ಟೆಕ್ನಿಕ್ಸ್ ಇನ್
ವೈರಲೆಸ್ ಸೆನ್ಸಾರ್ ನೆಟ್‌ವರ್ಕ್ಸ್

ಎಂಬ ಪ್ರಬಂಧವನ್ನು ಮಂಡಿಸಿದ್ದು

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ಅಪೇಕ್ಷಿತವಾದ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಿದ್ದಾರೆಂದು ಪರಿಗಣಿಸಿ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರಧಾನಮಾಡಲಾಗಿದೆ

PH 000548 ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ

USN: 2SD08PEM02



ಬೆಳಗಾವಿ

ದಿನಾಂಕ : ಮೇ ೨೭, ೨೦೧೬

ಕುಲಪತಿ

We, the Chancellor, Vice-Chancellor
and Members of the Senate of
the **Karnatak University** certify that

the Degree of

Doctor of Philosophy

(*Mathematics*)

has been conferred on the thirtieth day of
the month of December in the year
one thousand nine hundred and seventy-eight
at Dharwar, on *Prakash Shivramulswamy*
Hiremath
who has been found duly qualified for the same.

In Testimony whereof are set the Seal of the
said University and the Signature of the said
Chancellor.

G. V. Narain

Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

SHIVANANDA V SEERI

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer & Information Sciences

for the thesis entitled

*Text Extraction and Analysis from Natural Scene Images Using
DIP Techniques*

*in recognition of the fulfillment of requirements
for the said degree*

PH₁₃ 001835

Given under the seal of the University

USN: 2SD09PEM04



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR

Physics



KARNATAK UNIVERSITY, DHARWAD

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಹಾಗೂ ಸಿನೇಟ ಸದಸ್ಯರಾದ ನಾವು

We, the Chancellor, Vice-Chancellor and Members of the Senate of the Karnatak University certify that

ಸುರೇಶ್ ಬಾಬುರಾವ್ ಕಪಟಕರ್

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿಗೆ ನವೆಂಬರ್ ೧೯೯೭ ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

Suresh Baburao Kapathkar

for having qualified for the Degree in November 1997
the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಭೌತಶಾಸ್ತ್ರ)

Doctor of Philosophy

(Physics)

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡದಲ್ಲಿ ಒಂದು ಸಾವಿರದ ಒಂಬತ್ತನೂರಾ ತುಂಬು ತ್ರಿಂಟನೆಯೆಂಬ
ಜನವರಿ ಹದಿನೇಳರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

has been conferred on him at Dharwad, on the seventeenth day of the
month of January in the year one thousand nine hundred ninety eight

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ

In Testimony whereof are set the Seal of the said University at
the Signature of the said Vice-Chancellor.

Amrathkar
ಕುಲಪತಿ Vice-Chancellor

Head of the Engg. Physics Dept.
B.V.B. College of Engg. & Tech., HUBLI.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



This is to certify that

N R Patil

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Physics)

for the thesis entitled

Characterization of Some Organic Compounds through
Photophysical Properties

*in recognition of the fulfillment of requirements
for the said degree*

PH
13 000129

Given under the seal of the University

USN: 2BV04PGM02



BELGAUM
DATE : APRIL 05, 2013

VICE CHANCELLOR

WE, the Chancellor, Vice-Chancellor
and Members of the Senate of
the **Karnatak University** certify that

the Degree of

Doctor of Philosophy

(*Physics*)

has been conferred on the twenty fourth day of
the month of February in the year
one thousand nine hundred and seventy eight.

at Dharwar, on Shrishail Ganjappa Kubakaddi
who has been found duly qualified for the same.

In Testimony whereof are set the Seal of the
said University and the Signature of the said
Chancellor.

G. Vinod Narain

Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



This is to certify that

VARSHA V KOPPAL

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Physics)

for the thesis entitled

*Study of Fluorescence Spectroscopic Properties of Some
Heterocyclic Molecules and Effect of Nanoparticles on
Quenching Mechanisms*

*in recognition of the fulfillment of requirements
for the said degree*

PH
19 000091

Given under the seal of the University

USN: 2BV12PGN06



BELAGAVI

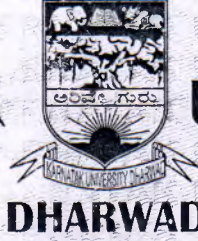
DATE : Feb 08, 2020

VICE CHANCELLOR

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ

000674

KARNATAK UNIVERSITY



00674

DHARWAD

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು
*We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the
Syndicate and Academic Council of the Karnatak University certify that*

ರಾಜಶ್ರೀ ಮಲ್ಲಿಕಾರ್ಜುನ ಹೊಡ್ಲೂರ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಜೂನ್

೨೦೧೬

ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

RAJASHREE MALLIKARJUN HODLUR

for having qualified for the Degree in June 2016

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಭೌತಶಾಸ್ತ್ರ

Doctor of Philosophy

PHYSICS

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಹದಿನೇಳನೆಯ ಏಪ್ರಿಲ್

ಹದಿನೈದ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

*has been conferred on him / her at Dharwad, on the Fifteenth day
of the month of April in the year Two thousand seventeen.*

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.
*In Testimony, whereof are set the Seal of said University and the Signature
of the said Vice-Chancellor.*

P.G. Degree : Physics

Thesis Title : "Synthesis and Opto-Electronic Properties of Nano Structured Materials"



2016/AR/P/ 85

P.B. G.
ಕುಲಪತಿ Vice-Chancellor

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ

000936

KARNATAK UNIVERSITY



DHARWAD



000936

We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the Syndicate and Academic Council of the Karnataka University certify that
ನೀನಿಗ ಕುಲಕರ್ತೆ

ವಿಷಯ ಸಂಪೂರ್ಣವಾದ ಪದವಿ
ಮಾಹಿತಿ
ಸಂಖ್ಯೆ
೮೨

ಕರ್ತವಾದ ಒಬ್ಬಳು ವ್ಯಕ್ತಿ

MITIN KULKARNI

for having qualified for the Degree in March 2012

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಪ್ರವಚನ ಅಧ್ಯಯನ

Doctor of Philosophy

MANAGEMENT STUDIES

ಈ ಪದವಿ ಪ್ರಮಾಣಪತ್ರಕ್ಕೆ ಧಾರವಾಡ ನಗರ, ಎರಡು ಸಾವಿರದಾ ಹದಿನೆಂಟನೆಯ ದಿನ
ಇದೇ ದಿನ ಅಧಿಕೃತಗೊಳಿಸಲಾಗಿದೆ

has been conferred on him/her at Dhawad, on the Fifth day
of the month of May in the year Two thousand eighteen

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಕರ್ತೆಯವರ ದಸ್ತಾವೇಜಿನೊಡನೆ ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ
In Testimony whereof are set the Seal of said University and the Signature
of the said Vice-Chancellor.

P.L. Degree - Management

Thesis Title - "Improving Employability of Engineering Graduates - A Study of Colleges
Based in North Karnataka"



2017/AR/P/118

Handwritten signature

50008 Vice-Chancellor

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ

000250

KARNATAK UNIVERSITY



DHARWAD



00250

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು
We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the Syndicate and Academic Council of the Karnatak University certify that

ಸಜ್ಜನ ಅಶೋಕ ಮಹಾಂತಪ್ಪ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಅಗಸ್ಟ

೨೦೧೩

ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

SAJJAN ASHOK MAHANTAPPA

for having qualified for the Degree in August 2013

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ರಸಾಯನ ಶಾಸ್ತ್ರ
Doctor of Philosophy
CHEMISTRY

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಹದಿನಾಲ್ಕನೆಯ ಮಾರ್ಚ್

ಇಪ್ಪತ್ತೈದ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

has been conferred on him / her at Dharwad, on the Twentyfifth day of the month of March in the year Two thousand fourteen.

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

In Testimony, whereof are set the Seal of said University and the Signature of the said Vice-Chancellor.

P.G. Degree : Organic Chemistry

Thesis Title : "Studies on Hydrophilic Membranes for the Pervaporation Dehydration of Isopropanol"



2013/AR/P/ 122

HEAD OF THE

CHEMISTRY DEPARTMENT
B.V.B. COLLEGE OF ENGG. & TECH.,
HUBLI-580 031.

ಕುಲಪತಿ Vice-Chancellor



This is to certify that

SHANKAR A. HALLAD

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

*Study On The Effects of Micro And Nano Level
Reinforcements On The Mechanical Properties Using Polymer
Based Matrix*

*in recognition of the fulfillment of requirements
for the said degree*

PH
13 001483


Given under the seal of the University

USN: 2BV13PMN04



BELGAUM

DATE : March 18, 2019


VICE CHANCELLOR

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ Gulbarga University



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು
ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಶರಣಬಸವ ವಿಶ್ವನಾಥ

ಆವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಮಾರ್ಚ್ 2013 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಮಟೀರಿಯಲ್ಸ್ ಸಾಂಘನ್ಸ್)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 6ನೇ ಮಾರ್ಚ್ ಎರಡು ಸಾವಿರದ ಹದಿಮೂರರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor and Members of the
Academic Council and Syndicate of Gulbarga University certify that

Sharanabasava Vishwanath

has been found duly qualified in March, 2013 for the award of the
degree of Doctor of Philosophy. Hence the degree of

DOCTOR OF PHILOSOPHY

(Materials Science)

has been conferred on him at Gulbarga

on the 6th day of the month of March in the year Two Thousand Thirteen.

In testimony whereof are set the seal of the said University and the signature of the Vice-Chancellor.

ಗುಲಬರ್ಗಾ
Gulbarga

ದಿನಾಂಕ : 6-3-2013

Date : 6-3-2013



ಕುಲಪತಿ
Vice-chancellor

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ
Gulbarga University



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ,
ಕುಲಪತಿ, ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟನ ಸದಸ್ಯರಾದ ನಾವು

ಜಯಚಂದ್ರ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ೨೩.೦೬.೨೦೧೪ ರಂದು ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ

ಪದವಿಯನ್ನು ಕಲಬುರಗಿಯಲ್ಲಿ 15 ನೇ ಮೇ ಎರಡು ಸಾವಿರದ ಹದಿನೈದರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, Members of the
Academic Council and Syndicate of Gulbarga University Certify that

JAYACHANDRA

has been found duly qualified on 23.06.2014 for the award of the
degree of Doctor of Philosophy. Hence the degree of

DOCTOR OF PHILOSOPHY
Biotechnology

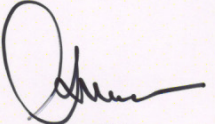
Has been conferred on him / her at Kalaburagi
on the 15th of May in the year Two Thousand Fifteen

In Testimony whereof are set the seal of the said University and the signature of the Vice-Chancellor

ಕಲಬುರಗಿ
Kalaburagi

ದಿನಾಂಕ : ೧೫-೦೫-೨೦೧೫
Date : 15-05-2015




ಕುಲಪತಿ

Vice-Chancellor